

ABSTRACT OF THE DISCLOSURE

The source transmits a packet with a predetermined transfer rate to each destination and recognizes the maximum transfer rate to each destination according to the presence or absence of response to such packet. 5 After the maximum transfer rate is recognized, the source generates plural packets from the information data and transfers these packets in succession at the maximum transfer rate. Thus the maximum transfer rate 10 available between two or more electronic devices can be easily detected without complicated analysis.